CNET & NMCI NMCRAS CCB MEETING

Curt L. Jones, CIO
January 2001

Leadership Direction

"*We need to continue...to achieve the growth in capabilities associated with the information age.*"

**The Honorable Richard Danzig,
Secretary of the Navy**

"*The Navy-wide Intranet will increase performance, decrease costs, and improve security. It is a total end-to-end capability. It will make information technology serve our people, not have our people serve the technology.*"

**Admiral Jay Johnson
Chief of Naval Operations**

NMCI Mission

- Enable the sharing of information worldwide with those who need it, when they need it

- Enhance enterprise-wide work, training, and quality of life for every Marine, Sailor, and DON Civilian

The Vision: NMCI and IT21
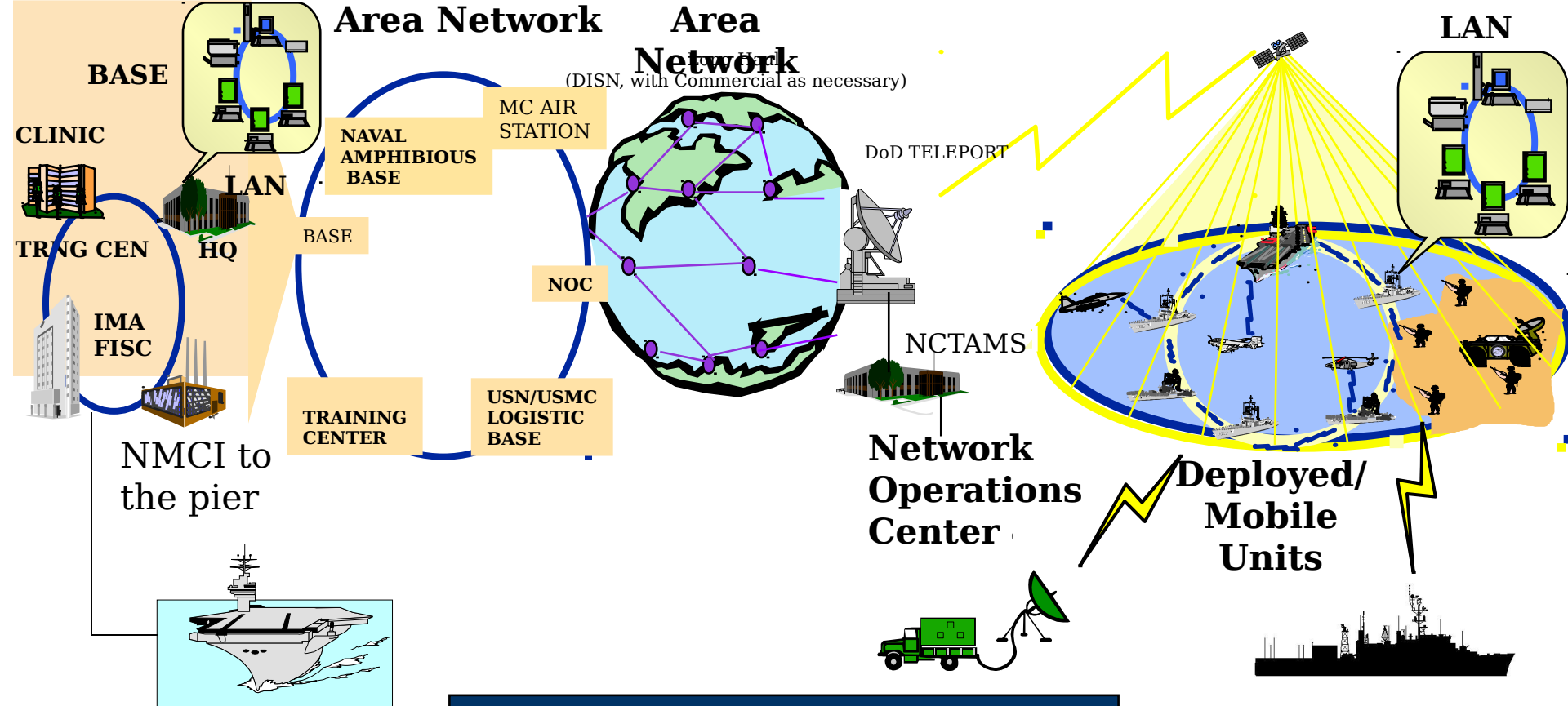
Navy Marine Corps Intranet ⟵⟶ **IT21 / MCTN** ⟶

Base Area Network

Metropolitan Area Network

Wide Area Network
(DISN, with Commercial as necessary)

LAN

BASE

CLINIC

LAN

TRNG CEN

HQ

IMA FISC

NAVAL AMPHIBIOUS BASE

MC AIR STATION

BASE

NOC

TRAINING CENTER

USN/USMC LOGISTIC BASE

DoD TELEPORT

NCTAMS

Network Operations Center

Deployed/ Mobile Units

NMCI to the pier

End to end connectivity

NMCI Benefits

- Improved Interoperability, Bandwidth, and Connectivity
- Enhanced Security (Total DON security model)
- Rapid response to technology development
- Integrated Operation &Maintenance, asset management, and training
- Global e-mail directory across Navy
- Increased purchasing power

How will NMCI accomplish it's mission?

- Through a long-term service agreement with the
  commercial sector
      -- 5 year Contract   -- 3 Year
  Options

We're buying a service,
not building anything

NMCI Functional Overview

A1-4

Operations & Maintenance

- Help Desk
- End user Training
- Refresh
- Remote Access
- H/W Maintenance
- S/W Support for Standard Office/ Network Items

Buying a "Seat" Encompasses These Services

Communications
- Internet/Intranet/Extranet
- Voice/Video/Data

Asset Management
- Inventory Management

Increased Compatibility

Reduced Cost

Commercial Infrastructure
- Hardware
  - Laptops
  - Desktop
  - Servers
- Software
  - Operating Systems
  - Client Server GroupWare
- Network Equipment

Voice, Video, and Data Services

EDS NMCI Consortium (www.eds.com/nmci)

Primary Contractor — **EDS**

Major Subs — **MCI Worldcom**

Cisco Systems
Dell Computer
Microsoft
Raytheon

Other Subs — **40% of NMCI Work**

to Various Small Businesses

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NMCI in a Nutshell

- **An enterprise wide Navy and Marine Co services initiative to provide voice, vide communications services for business fighting missions**

- **Seat Management life cycle support**

- **Major issues: Per seat funding, transitio planning and IT staff realignment impa**

- **NMCI contract awarded to Electronic D Systems (EDS) on 6 Oct 00 (Access cont www.contracts.hq.navsea.navy.mil)**

CURRENT NMCI TRANSITION STRATEGY FOR CNET CLAIMANCY

- **Transition 1-2K Seats to NMCI beginning in FY02Q1**

B1

- **Maintain CNET Enterprise Network Connectivity**

Transition Approximately 21K

CNET CLAIMANCY DATA SEAT ESTIMATES

Fixed Workstation Seats   20,376

Portable Seats   1,007

Embarkable Workstation Seats   12

Embarkable Portable Seats
38

Hybrid Seats   731
        (Seat Estimates to be Refined)

NMCI DATA SEAT CATEGORIES

FIXED (Desktop)   **Red Seat 800Mhz**
                             White Seat 733Mhz
                             Blue Seat 566Mhz
                             Thin Client 566Mhz

PORTABLE   **Laptop w/Docking Sta**

EMBARKABLE   **Full and Limited Service**
                      Workstations 866Mhz/566M
                      and Laptops 400Mhz

BASIC HYBRID   **Min. 566Mhz W/S not Provi**
                        by NMCI with Remote Acce
                        Capability (being reassesse

NMCI Governance

- **NAVY LEVEL**
  -- Command Task Force (CTF) NMCI
  -- NMCI Program Management Office (PMO) and
     Regional Gov't Management Offices (GMO)
  -- CTF NMCI Transitions to Commander, Information
     Operations & Space Communications (CIOSC)
- **CNET CLAIMANCY**
   -- CNET CIO Program Management Office
   -- Central NMCI Operations Office
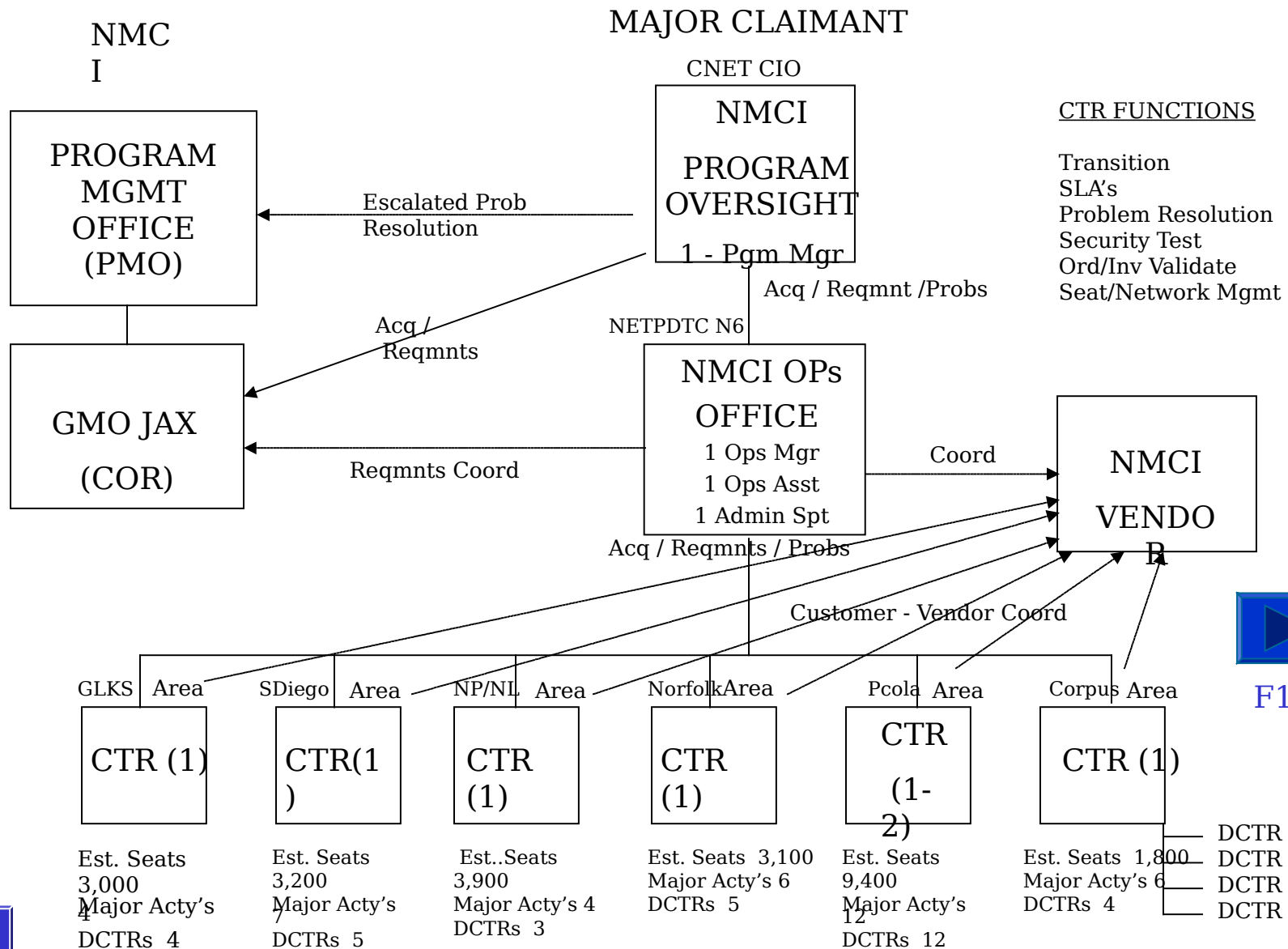   **-- Regional CTRs and Activity Deputy CTRs**

CLAIMANCY NMCI GOVERNANCE & OVERSIGH

- **Proposed 3 Tier Organization Structure**
  -- Field Activity NMCI Support (Tier 1)
  -- Central NMCI Operations Office (Tier 2)
  -- Claimancy NMCI Program Manager (Tier 3)

- **Organization Core is the Customer Technical**
  Representative (CTR) in GLakes, SDiego, Newport/NL,
  Norfolk, Pensacola and Corpus Christi Training Hubs

- **CTR's to be Assisted by Activity Deputy CTR (DCTR)**

PROPOSED CLAIMANCY NMCI GOVERNANCE STRUCTURE

NMCI

MAJOR CLAIMANT

CNET CIO

CTR FUNCTIONS

Transition
SLA's
Problem Resolution
Security Test
Ord/Inv Validate
Seat/Network Mgmt

NMCI PROGRAM OVERSIGHT

1 - Pgm Mgr

PROGRAM MGMT OFFICE (PMO)

Escalated Prob Resolution

Acq / Reqmnt /Probs

NETPDTC N6

Acq / Reqmnts

NMCI OPs OFFICE
1 Ops Mgr
1 Ops Asst
1 Admin Spt

GMO JAX (COR)

Reqmnts Coord

Coord

NMCI VENDOR

Acq / Reqmnts / Probs

Customer - Vendor Coord

F1-3

GLKS Area	SDiego Area	NP/NL Area	Norfolk Area	Pcola Area	Corpus Area
CTR (1)	CTR(1)	CTR (1)	CTR (1)	CTR (1-2)	CTR (1)

Est. Seats 3,000
Major Acty's 4
DCTRs 4

Est. Seats 3,200
Major Acty's 7
DCTRs 5

Est..Seats 3,900
Major Acty's 4
DCTRs 3

Est. Seats 3,100
Major Acty's 6
DCTRs 5

Est. Seats 9,400
Major Acty's 12
DCTRs 12

Est. Seats 1,800
Major Acty's 6
DCTRs 4

DCTR
DCTR
DCTR
DCTR

KEY TRANSITION PLANNING ACTIO

- **NMCI Contract Review/Transition Coordination with EDS**

- **Development of Model Transition Plan Templates (NETPDTC, NATTC, NTTC CORRY, EODSCOL, CNET)**

- **Development of the Civilian Personnel Section of the NMCI Transition Plan (NETPDTC N83 Lead)**

- **Concept of Operations Approval for Claimancy NMCI Governance Structure**

Designation of Claimancy NMCI 16

CNET CIO NMCI Points of Contact

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Internet: curt-l.jones@cnet.navy.mil

Ms. Betsy Greer, CIO2   (850)452-9071
Internet: betsy.greer@cnet.navy.mil

Mr. Barry Koncan, CIO21   (850)452-9068
Internet: barry.koncan@cnet.navy.mil
(CNET NMCI Program Manager)
                              DSN 922-xxxx

EDS Information Strike Force (ISF) Home Page @ http://www.eds.com/nr

Commander Task Force (CTF) NMCI Home Page @ http://ctfnmci.navy.mi
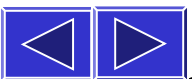
BACK UP SLIDES

N/MCI BASIC IT SERVICES

- LAN/BAN Infrastructure
- N/MCI WAN Infrastructure
- NIPRNET/SIPRNET Access
- Internet Access
- Standard Office Automation
- Security
- Voice, Secure/Non-Secure
- Work Station (Fixed, hybrid,

- Dial-up Access
- VTC
- E-mail
- Directory Services
- File Sharing
- Mainframe Access
- Legacy System Access
- Web Access
- Help Desk

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N/MCI OPTIONAL IT SERVICES

- Wall Plug Service
- Mobile Phone
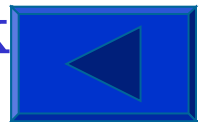- Personal Paging
- Internet Access for Mobile
    Phone
- Data Seat Voice Comm.
    Upgrade
- DMS Data Seat Upgrade
- Desktop Video Teleconference
- Additional Accounts

- Legacy Server Connectivity
- Data Warehousing
- Legacy Systems Support
- Network Operations Display
- Military Core Competency
    Training
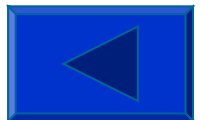- External Network Interface
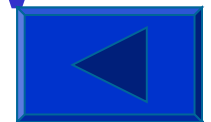- IT/Knowledge Management

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N/MCI

Desktop

- Operating system
- Web browser
- Electronic mail (IT-21)
- Word processor (IT-21)
- Spreadsheet (IT-21)
- Data base tool (IT-21)
- Calendar
- Security utilities
- System management utilities
- Standard utilities
- User applications (Optional)

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NMCI FEATURES

- **Security**
- **Standardization**
- **Interoperability**
- **Improved Infrastructure**
- **Bandwidth to Address New Technologies**
- **Current Technology (Refresh)**
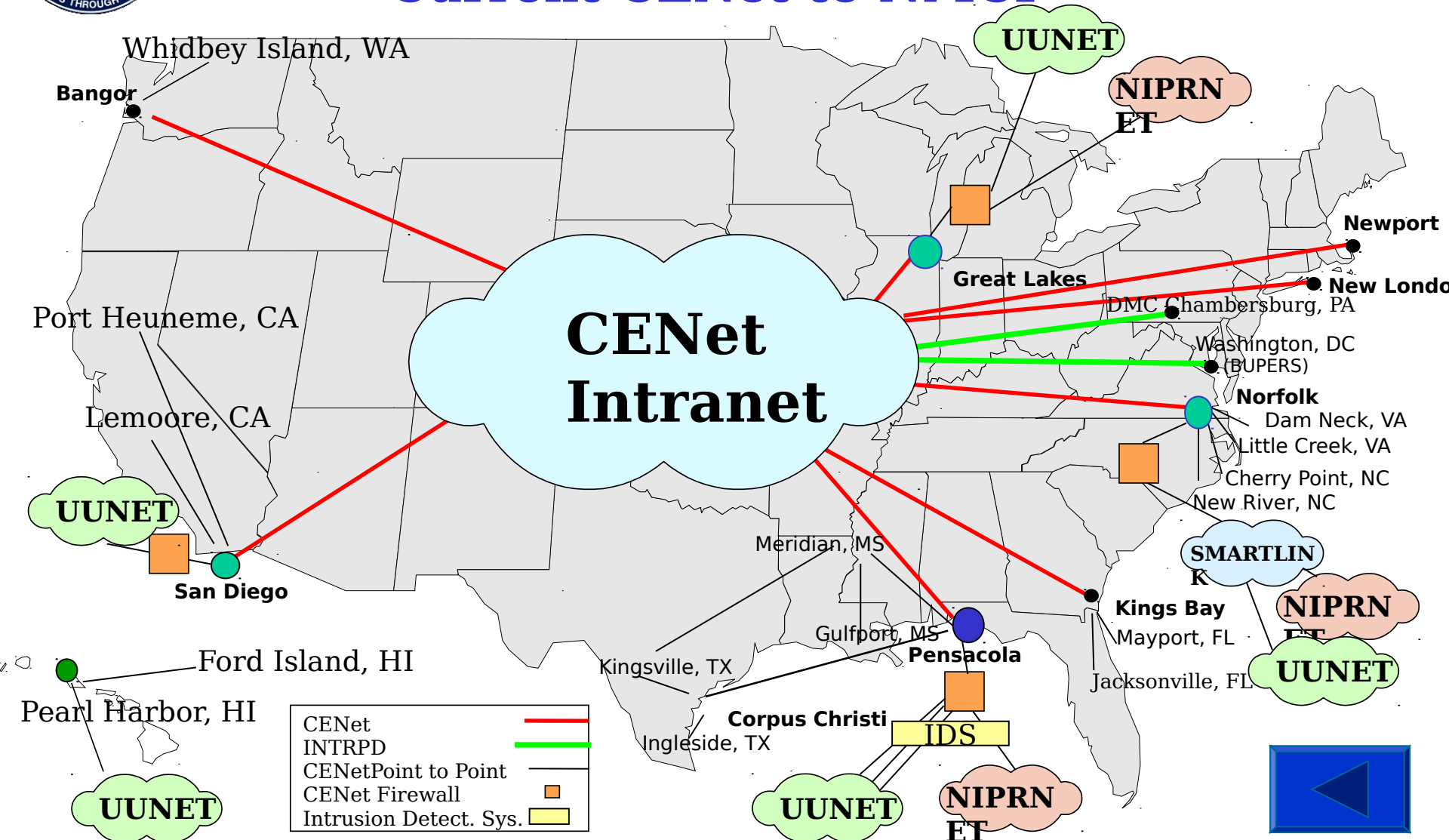- **Increased Efficiencies and Capa Due to Single Navy Intranet**

Current CENet to NMCI

Whidbey Island, WA

Bangor

UUNET

NIPRNET

Newport

Great Lakes

New London

DMC Chambersburg, PA

Port Heuneme, CA

Washington, DC
(BUPERS)

CENet
Intranet

Lemoore, CA

Norfolk
Dam Neck, VA
Little Creek, VA
Cherry Point, NC
New River, NC

UUNET

Meridian, MS

SMARTLINK

San Diego

Kings Bay
Mayport, FL

NIPRNET

Gulfport, MS

UUNET

Ford Island, HI

Pensacola

Kingsville, TX

Jacksonville, FL

Pearl Harbor, HI

CENet	
INTRPD	
CENetPoint to Point	
CENet Firewall	
Intrusion Detect. Sys.	

Corpus Christi
Ingleside, TX

IDS

UUNET

NIPRNET

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<u>Tier 1</u> - Field Activity CTRs and DC

- **Major Functions**
  - **Government Interface with IT Services Provider**
  - **Assist Users & Claimancy with NMCI Transition**
  - **SLA Management & Acceptance; Problem Resol**
  - **Ordering/Payment Validation**
  - **Seat/Network Requirements & Asset Managem**

- **Targeted Positions**
  - **Total of 6-7 CTR s for the Claimancy**
    *(**1-2 at each of 6 Major Training Hubs**)*
  - **Deputy CTR (DCTR) Ratio: 1 per 500 Us**
    *(**1 DCTR at each Sizeable Training Activi**)*

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<u>Tier 2</u> - Central NMCI Operations O

- **Major Functions**
  - **- Centralized Claimancy Coordination & Requiren Consolidation**
  - **- NMCI Seat & Training CDA Services Liaison**
  - **- 2nd Level SLA Problem Resolution**
  - **- Claimancy Program Manager Interface**
  - **- NMCI GMO Coordination**

- **Targeted Positions**
  - **- Total of 3 Positions for the Proposed NETPDTC Pensacola NMCI Operations Office**
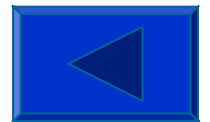
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<u>Tier 3</u> - Claimancy NMCI Program Manager

- **Major Functions**
  - **- Claimancy Policy & Planning**
  - **- Acquisition Coordination**
  - **- Escalated SLA Problem Resolution**
  - **- Annual ADD/Change/Move Plan Approval**

- **Targeted Positions**
  - **- 1 NMCI Program Manager Proposed for th**
    CNET CIO Staff

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Click To End